

Hepatitis C Virus NS5A Recombinant

Item Number	rAP-5236
Synonyms	
Description	Recombinant HCV NS5A produced in E. coli is a single polypeptide chain containing 118 amino acids (aa 2210-2306) and having a molecular mass of 13.4kDa. Recombinant HCV NS5A is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P27958
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSLKATCTAN HDSPDAELIE ANLLWRQEMG GNITRVESEN KVVILDSFDP LVAEEDEREV SVPAEILRKS RRFARALPVW ARPDYNPLV ETWKKPDY.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The HCV NS5A protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**